

**To:** Holland, Matt@DeltaCouncil[Matt.Holland@deltacouncil.ca.gov]; Fong, S@SFCWA[sfong@sfcwa.org]; Bartolomeo, Eleanor@Waterboards[Eleanor.Bartolomeo@waterboards.ca.gov]; Guy, David@norcalwater.org[dguy@norcalwater.org]; dsereno@ccwater.com[dsereno@ccwater.com]; Foresman, Erin[Foresman.Erin@epa.gov]; bobker@bay.org[bobker@bay.org]; Harader, Sam@DeltaCouncil[sam.harader@deltacouncil.ca.gov]; jon.tbi@gmail.com[jon.tbi@gmail.com]; Kelly, Kathy@DWR[Kathy.Kelly@water.ca.gov]; Mortazavi, Emily@DeltaCouncil[Emily.Mortazavi@deltacouncil.ca.gov]; Mussen, Tim@sacsewer.com[mussent@sacsewer.com]; Riddle, Diane@Waterboards[Diane.Riddle@waterboards.ca.gov]; Fujii, Roger[rfujii@usgs.gov]; Satkowski, Rich@Waterboards[Rich.Satkowski@waterboards.ca.gov]; Azimi-Gaylon, Shakoora@SSJDC[Shakoora.Azimi-Gaylon@deltaconservancy.ca.gov]; Vendlinski, Tim[vendlinski.tim@epa.gov]; tmanley@norcalwater.org[tmanley@norcalwater.org]; lwinternitz@tnc.org[lwinternitz@tnc.org]  
**From:** Cantrell, Scott@Wildlife  
**Sent:** Fri 8/30/2013 6:19:08 PM  
**Subject:** RE: Planning Group for Science Workshops to Inform State Water Board Comprehensive Review of 2006 Bay-Delta Plan: TBI comments  
[Delta Outflows Workshop Straw Man 2013-08-13\\_cdfw.docx](#)

The California Department of Fish and Wildlife (CDFW) appreciates the opportunity to participate in the formulation of the charge for the Delta Outflows Workshop to be held in support of Phase 2 of the State Water Resources Control Board's Comprehensive Review of the Bay-Delta Water Quality Control Plan. Our comments are based on a review of the Delta Outflows Workshop Straw Man Charge, dated August 13, 2013.

As currently crafted, we believe the scope of the draft charge is too broad and warrants further refinement. One means through which to clarify and constrain the scope could be to articulate the specific components of the Phase 2 review that each workshop is designed to inform. For example, based on the information presented in the draft charge, the focus for this workshop appears to include Delta outflow objectives, potential new floodplain habitat flow objectives, potential changes to the monitoring and special studies program, and other potential changes to the program of implementation (e.g., actions by other entities). The questions contained within the charge could then be revised to create a set of specific, actionable questions relevant to those topics that the Panel can respond to in a manner that is informative to the State Water Resources Control Board.

Please find attached a copy of the Straw Man Charge with suggested edits and comments incorporated in track changes mode for your consideration. Please feel free to give me a call at (916) 445-1272 if you have any questions. We look forward to continued participation in this effort.

**From:** Holland, Matt@DeltaCouncil [mailto:Matt.Holland@deltacouncil.ca.gov]

**Sent:** Tuesday, August 27, 2013 11:15 AM

**To:** Fong, S@SFCWA; Bartolomeo, Eleanor@Waterboards; Cantrell, Scott@Wildlife; Guy, David@norcalwater.org; dsereno@ccwater.com; Foresman, Erin@epa; bobker@bay.org; Harader, Sam@DeltaCouncil; jon.tbi@gmail.com; Kelly, Kathy@DWR; Mortazavi, Emily@DeltaCouncil; Mussen, Tim@sacsewer.com; Riddle, Diane@Waterboards; Fujii, Roger; Satkowski, Rich@Waterboards; Azimi-Gaylon, Shakoora@SSJDC; vendlinski.tim@epa.gov; tmanley@norcalwater.org; lwinternitz@tnc.org

**Subject:** RE: Planning Group for Science Workshops to Inform State Water Board Comprehensive Review of 2006 Bay-Delta Plan: TBI comments

Stephanie,

Thanks for your participation and input. I'm replying all to address your request for clarification on panel composition. You heard correctly that we are considering the members of the FLASH panel as candidates for the outflow workshop panel, although as we discussed in the meeting and in emails to the planning group, we have also elicited suggestions from the planning group for consideration by the Lead Scientist. We agree that the panel for the workshop addressing interior flows will require a different mix of background and expertise, so we will not form that panel without first discussing the charge and necessary expertise with the planning group.

Regards,

Matt

Matt Holland

Delta Stewardship Council

Delta Science Program

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**From:** Stephanie Fong [<mailto:sfong@sfcwa.org>]

**Sent:** Monday, August 26, 2013 4:24 PM

**To:** Holland, Matt@DeltaCouncil; Bartolomeo, Eleanor@Waterboards; Cantrell, Scott@Wildlife; Guy, David@norcalwater.org; dsereno@ccwater.com; Foresman, Erin@epa; bobker@bay.org; Harader, Sam@DeltaCouncil; jon.tbi@gmail.com; Kelly, Kathy@DWR; Mortazavi, Emily@DeltaCouncil; Mussen, Tim@sacsewer.com; Riddle, Diane@Waterboards; Fujii, Roger; Satkowski, Rich@Waterboards; Azimi-Gaylon, Shakoora@SSJDC; vendlinski.tim@epa.gov; tmanley@norcalwater.org; lwinternitz@tnc.org

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Matt-

I'm replying all to your last message in hopes that it includes everyone appropriate, so please feel free to forward to others I've missed. As requested at the planning meeting on Friday, I have some follow-up comments and suggestions for you to consider, as well as some clarifying questions. Please forgive me if I've missed some prior discussions in which these were laid out, but my comments reflect the discussion at the Friday meeting as well as the straw man. I'm also attaching a tracked changes version of the straw man for your consideration with suggestions from PWA contributors. The short timeline for this effort is concerning, but I hope to help as much as possible in this effort.

Clarifying question:

I thought I heard Sam say you were thinking of starting with folks from the FLASH panel for the outflow workshop. Is that true, and if so, would they also be the panel for the inflow workshop? It seems that more diversity and fresh perspectives might be called for.

General comments on straw man:

I think the scope of the workshop should be made more clear, so people know what to expect to be included and what won't be included. Which non-flow stressors will be addressed? Since this is a workshop on flow, would it be more appropriate to say we're looking at X, Y, and Z stressors in the presence of flow?

One key aspect I would hope gets discussed is if we have the necessary infrastructure to measure the right constituents in the right places to answer our questions, and if not, what information we would need to do so.

Panel suggestions:

Specific areas of expertise I would like to see added to your list are a biostatistician and contaminants expert.

-Robin Grossinger from SFEI would be a great addition to the panel with his experience looking at larger scale effects.

-Someone with riverine expertise like Julian Ogden from the School of Aquatic Fishery Sciences at the University of Washington. He has expertise in:

Linking food webs & nutrient fluxes to landscape change in freshwater systems

Ecology and management of invasive species

Environmental flows and the ecological impacts of hydrologic alteration by human activities

Conservation biogeography

Ecology and conservation planning of arid systems

-LeRoy Poff from the Colorado State University Stream Ecology Lab with expertise in:

Conservation and restoration of riverine ecosystems.

Multi-scaled, hierarchical ecological organization in riverine ecosystems.

Influence of hydrology and hydraulics on species interactions and riverine communities.

Establishing environmental flows to support freshwater biodiversity and sustainability.

Responses of riverine ecosystems to environmental alteration

## **Stephanie Fong**

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**From:** Holland, Matt@DeltaCouncil [<mailto:Matt.Holland@deltacouncil.ca.gov>]

**Sent:** Friday, August 23, 2013 4:57 PM

**To:** Bartolomeo, Eleanor@Waterboards; Cantrell, Scott@Wildlife; Guy, [David@norcalwater.org](mailto:David@norcalwater.org); [dsereno@ccwater.com](mailto:dsereno@ccwater.com); Foresman, Erin@epa; [bobker@bay.org](mailto:bobker@bay.org); Harader, Sam@DeltaCouncil; Holland, Matt@DeltaCouncil; [jon.tbi@gmail.com](mailto:jon.tbi@gmail.com); Kelly, Kathy@DWR; Mortazavi, Emily@DeltaCouncil; Mussen, [Tim@sacsewer.com](mailto:Tim@sacsewer.com); Riddle, Diane@Waterboards; Fujii, Roger; Satkowski, Rich@Waterboards; Azimi-Gaylon, Shakoora@SSJDC; Stephanie Fong; [vendlinski.tim@epa.gov](mailto:vendlinski.tim@epa.gov); [tmanley@norcalwater.org](mailto:tmanley@norcalwater.org); [lwinternitz@tnc.org](mailto:lwinternitz@tnc.org)

**Subject:** Planning Group for Science Workshops to Inform State Water Board Comprehensive Review of 2006 Bay-Delta Plan: TBI comments

Dear Colleagues,

Please find attached comments and expert panel recommendations received by the Delta Science Program from The Bay Institute prior to today's planning meeting.

Sincerely,

Matt Holland

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